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<u>L2</u>	"knowledge management system"	326	<u>L2</u>
<u>L1</u>	5,862,325.pn.	2	<u>L1</u>

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Search Results - Record(s) 1 through 11 of 11 returned.

☐ 1. Document ID: US 20040110119 A1

Using default format because multiple data bases are involved.

L3: Entry 1 of 11

File: PGPB

Jun 10, 2004

PGPUB-DOCUMENT-NUMBER: 20040110119

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040110119 A1

TITLE: Web-based knowledge management system and method for education systems

PUBLICATION-DATE: June 10, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Riconda, John R.	Northport	NY	US	
Savino, Ann M.	Bayshore	NY	US	

US-CL-CURRENT: 434/350; 434/362

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 2. Document ID: US 20040088313 A1

L3: Entry 2 of 11

File: PGPB

May 6, 2004

PGPUB-DOCUMENT-NUMBER: 20040088313

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040088313 A1

TITLE: Knowledge management system

PUBLICATION-DATE: May 6, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Torres, Jose	Katy	TX	US	

US-CL-CURRENT: 707/101

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 3. Document ID: US 20040030421 A1

L3: Entry 3 of 11

File: PGPB

Feb 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040030421

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040030421 A1

TITLE: System for interprise knowledge management and automation

PUBLICATION-DATE: February 12, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Haley, Paul	Sewickley	PA	US	

US-CL-CURRENT: 700/49; 700/48, 706/45, 706/46

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 4. Document ID: US 20030171939 A1

L3: Entry 4 of 11

File: PGPB

Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030171939

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030171939 A1

TITLE: Method and apparatus for prescreening passengers

PUBLICATION-DATE: September 11, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Yagesh, John Paul	Gaithersburg	MD	US	
Yagesh, Christopher John	Alexandria	VA	US	
Bender, Christopher Joseph	Arlington	VA	US	

US-CL-CURRENT: 705/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 5. Document ID: US 20030074354 A1

L3: Entry 5 of 11

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030074354

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030074354 A1

TITLE: Web-based system and method for managing legal information

PUBLICATION-DATE: April 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lee, Mary	Atlanta	GA	US	
Hawkins, Suzanne	West Port	CT	US	

US-CL-CURRENT: 707/8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 6. Document ID: US 20030041033 A1

L3: Entry 6 of 11

File: PGPB

Feb 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030041033

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030041033 A1

TITLE: Computer-implemented method and system for handling business transactions within an inhomogeneous legal environment

PUBLICATION-DATE: February 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kaplan, Ibrahim	Wiesbaden		DE	

US-CL-CURRENT: 705/64; 705/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 7. Document ID: US 20030036947 A1

L3: Entry 7 of 11

File: PGPB

Feb 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030036947

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030036947 A1

TITLE: Systems and methods for submission, development and evaluation of ideas in an organization

PUBLICATION-DATE: February 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Smith, William E. III	Suwanee	GA	US	

Halpern, Nancy E. Duluth GA US

US-CL-CURRENT: 705/10; 705/1, 705/9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw. De
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☐ 8. Document ID: US 20020165726 A1

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File: PGPB

Nov 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020165726

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020165726 A1

TITLE: System and method for facilitating creation and management of contractual relationships and corresponding contracts

PUBLICATION-DATE: November 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Grundfest, Joseph A.	Palo Alto	CA	US	

US-CL-CURRENT: 705/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw. De
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☐ 9. Document ID: US 20020087496 A1

L3: Entry 9 of 11

File: PGPB

Jul 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020087496

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020087496 A1

TITLE: System, method and applications for knowledge commerce

PUBLICATION-DATE: July 4, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Stirpe, Paul A.	Shoreham	NY	US	
Bose, Subhra	Manorville	NY	US	

US-CL-CURRENT: 706/45

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw. De
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☐ 10. Document ID: US 20020023064 A1

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File: PGPB

Feb 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020023064

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020023064 A1

TITLE: Automated process guidance system and method

PUBLICATION-DATE: February 21, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Grimse, Mark	San Jose	CA	US	
King, Thomas A.	Danville	CA	US	
Neargarder, Pat	Saratoga	CA	US	
Ohr, Michael	Karlsruhe		DE	

US-CL-CURRENT: 706/19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 11. Document ID: US 6269355 B1

L3: Entry 11 of 11

File: USPT

Jul 31, 2001

US-PAT-NO: 6269355

DOCUMENT-IDENTIFIER: US 6269355 B1

TITLE: Automated process guidance system and method using knowledge management system

DATE-ISSUED: July 31, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Grimse, Mark	San Jose	CA		
King, Thomas A.	Danville	CA		
Neargarder, Pat	Saratoga	CA		
Ohr, Michael	Karlsruhe			DE

US-CL-CURRENT: 706/46; 705/32, 706/45, 707/102

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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<u>L7</u>	L6 and jurisdiction and union	0	<u>L7</u>
<u>L6</u>	706/59.ccls.	139	<u>L6</u>
<u>L5</u>	6,269,355.pn.	2	<u>L5</u>
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Encyclopedia of Software Engineering

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*(Listing of Electronic Interface Buses with links to standards and specifications.)*

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*(The IETF Secretariat, run by The Corporation for National Research Initiatives with funding from the US government, maintains an index of Internet-Drafts.)*

[Nanotechnology](#)

[PCI Specifications \(username: uspto; password: pat222\)](#)

*("Peripheral Component Interconnect" specifications and white papers.)*

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☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine   **CNF** = Conference   **STD** = Standard**1 "Knowledge of stealing" - challenges and possibilities in knowledge modeling***Ko, A.; Vas, R.;*

Information Technology Interfaces, 2003. ITI 2003. Proceedings of the 25th International Conference on , 16-19 June 2003

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*Kilfeather, E.; McAuley, J.; Corns, A.; McHugh, O.;*

Database and Expert Systems Applications, 2003. Proceedings. 14th International Workshop on , 1-5 Sept. 2003

Pages:110 - 114

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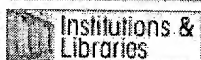
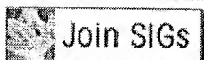
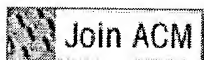
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Result page: [1](#) [2](#) [3](#) [4](#) [next](#)Relevance scale ☐ ☐ ☐ ☐ ☐1 [Regulatory competition and E-Commerce](#)

Markus Mueller

September 2003

**Proceedings of the 5th international conference on Electronic commerce**Full text available: [pdf\(130.19 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Companies choose the best location for their business and countries try to attract them. This paper gives an introduction into regulatory competition and, after presenting analytical key factors in regulatory competition, applies this analytical framework to E-Commerce. Starting with Tiebout's voting with one's feet there are several economic theories about regulatory competition, some optimistic, others pessimistic (race to the bottom). The Internet provides new opportunities for regulatory arb ...

**Keywords:** conflict of laws, electronic commerce, internet regulation, regulatory competition

2 [Electronic commerce: a half-empty glass?](#)

Sasa Dekleva

June 2000

**Communications of the AIS**Full text available: [pdf\(343.49 KB\)](#) Additional Information: [full citation](#), [references](#)3 [Expanding jurisdictions and other facets of human-machine interface IT standards](#)

Charles N. Abernethy





September 1993


**StandardView**, Volume 1 Issue 1Full text available: [pdf\(1.73 MB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#), [review](#)4 [A semantics for a logic of authentication \(extended abstract\)](#)

Martín Abadi, Mark R. Tuttle

July 1991

**Proceedings of the tenth annual ACM symposium on Principles of distributed computing**Full text available: [pdf\(1.63 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

- 5 Critical cases: The electronic claim file: a case study of impacts of information technology in knowledge work ☐  
Bert Painter  
November 2002 **Proceedings of the 2002 ACM conference on Computer supported cooperative work**  
Full text available:  pdf(250.69 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)  
This is a case study of a public insurance company's conversion of long-standing paper-based work processes to an electronic document management system, "E-File", with imaging, data integration, and automated workflow. As a transformational change, the E-File experience illuminates a range of effects of information technology. Many effects were well-enough managed, through participatory design and labor-management consultation, to yield an outcome where over 90% of the highly skilled employees s ...  
**Keywords:** case study, information technology, knowledge work, labor-management consultation, participatory design, technological change
- 6 An authentication logic supporting synchronization, revocation, and recency ☐  
Stuart G. Stubblebine, Rebecca N. Wright  
January 1996 **Proceedings of the 3rd ACM conference on Computer and communications security**  
Full text available:  pdf(1.30 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)
- 7 Should we meet John Doe? civil litigation and anonymity in cyberspace: Amicus: Dendrite International, Inc. v. John Does ☐  
Paul Alan Levy, J. C. Salyer  
April 2002 **Proceedings of the 12th annual conference on Computers, freedom and privacy**  
Full text available:  pdf(189.08 KB) Additional Information: [full citation](#), [index terms](#)
- 8 Regulating Internet payment intermediaries ☐  
Ronald J. Mann  
September 2003 **Proceedings of the 5th international conference on Electronic commerce**  
Full text available:  pdf(173.74 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)  
This paper examines legal and policy issues raised by changes in payment methods related to the rise of the Internet. The two major changes -- the rise of P2P systems like PayPal, and the rise of Internet billing systems to replace the use of paper bills and checks -- both involve new intermediaries that facilitate payments made by conventional payment systems. The paper first discusses how those systems work. It then discusses problems in the framework currently used to regulate those systems i ...  
**Keywords:** EBPP systems, Gramm-Leach-Bliley, Internet, P2P payments, Regulation E, data privacy, electronic funds transfer act, gatekeepers, payment systems
- 9 Social Analyses of Computing: Theoretical Perspectives in Recent Empirical Research ☐  
Rob Kling  
January 1980 **ACM Computing Surveys (CSUR)**, Volume 12 Issue 1

Full text available:  pdf(3.98 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

10 The public planning information system and the computer utility ☐

R. D. Jones

January 1967 **Proceedings of the 1967 22nd national conference**

Full text available:  pdf(1.32 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper attempts to anticipate the development of two types of organizations: the public planning information system and the "computer utility." Public planning information systems are computer-based systems for storing, retrieving and analyzing data in support of relatively long-range, urban-planning activities. The computer utility is an emerging form of organization providing computer services to all types of users and may in the future distribute computer services much as ...

11 Research notes: Information ethics in a responsibility vacuum ☐

James L. Linderman, William T. Schiano

December 2001 **ACM SIGMIS Database**, Volume 32 Issue 1

Full text available:  pdf(464.48 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)


The authors start with the premise that the field of information technology is not a "profession," because it is missing some of the defining characteristics of a profession. In particular, the authors claim the field is impotent in terms of certification and meaningful sanctions for unprofessional behavior. Furthermore, unlike "true" professions, leadership (with the frequent exception of IT in academia) is more often than not in hands of someone who has not come "up through the ranks" and ther ...

**Keywords:** certification, credentials, ethicists, information ethics, professionalism, public policy, qualifications, societal responsibility

12 Using schematically heterogeneous structures ☐

Reée J. Miller

June 1998 **ACM SIGMOD Record , Proceedings of the 1998 ACM SIGMOD international conference on Management of data**, Volume 27 Issue 2


Full text available:  pdf(1.60 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Schematic heterogeneity arises when information that is represented as data under one schema, is represented within the schema (as metadata) in another. Schematic heterogeneity is an important class of heterogeneity that arises frequently in integrating legacy data in federated or data warehousing applications. Traditional query languages and view mechanisms are insufficient for reconciling and translating data between schematically heterogeneous schemas. Higher order query languages, that ...

13 Is big brother hanging by his bootstraps? ☐

L. T. Greenberg, S. E. Goodman

July 1996 **Communications of the ACM**, Volume 39 Issue 7

Full text available:  pdf(586.26 KB) Additional Information: [full citation](#), [references](#), [index terms](#), [review](#)

14 Protecting an invaluable and ever-widening infrastructure ☐

Stephen J. Lukasik, Lawrence T. Greenberg, Seymour E. Goodman


June 1998 **Communications of the ACM**, Volume 41 Issue 6

Full text available:  pdf(253.37 KB) Additional Information: [full citation](#), [references](#), [index terms](#)

15 [Telecommunications standardization and intellectual property rights: a fundamental dilemma?](#) ☐

Mark Shurmer, Gary Lea

June 1995 **StandardView**, Volume 3 Issue 2

Full text available:  pdf(167.93 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)

16 [Beyond boolean search: FLEXICON, a legal tex-based intelligent system](#) ☐

Dephne Gelbart, J. C. Smith


May 1991 **Proceedings of the third international conference on Artificial intelligence and law**

Full text available:  pdf(955.73 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

17 [Internet voting: will it spur or corrupt democracy?](#) ☐

Lance J. Hoffman


April 2000 **Proceedings of the tenth conference on Computers, freedom and privacy: challenging the assumptions**

Full text available:  pdf(66.84 KB) Additional Information: [full citation](#), [references](#), [index terms](#)

18 [An efficient mobility management strategy for personal communication systems](#) ☐

Yigal Bejerano, Israel Cidon

October 1998 **Proceedings of the 4th annual ACM/IEEE international conference on Mobile computing and networking**

Full text available:  pdf(815.51 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** anycast, cellular systems, location management, mobility management, personal communication system, wireless systems

19 [Should spam be on the menu?](#) ☐

Janice C. Sipior, Burke T. Ward, P. Gregory Bonner

June 2004 **Communications of the ACM**, Volume 47 Issue 6

Full text available:  pdf(96.59 KB)  html(26.71 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Email marketing is an excellent, low-cost way to reach consumers, but spammers are currently looting much of its potential. The challenge is to develop an email marketing process that is consensual, efficient, and constitutional.

20 [Should we meet John Doe? civil litigation and anonymity in cyberspace: Petition: Joan Melvin v. John Doe, et al](#) ☐

Joan Melvin

April 2002 **Proceedings of the 12th annual conference on Computers, freedom and privacy**

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## 21 [Applications: Handling semantic heterogeneities using declarative agreements](#)



Isabel F. Cruz, Afsheen Rajendran, William Sunna, Nancy Wiegand

 November 2002 **Proceedings of the tenth ACM international symposium on Advances in geographic information systems**

 Full text available: pdf(251.71 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The focus of this paper is on interoperability issues to achieve data integration in distributed databases for geographic applications. Our concrete application is in the context of the State of Wisconsin Land Information System (WLIS). In WLIS, data is stored in XML using independently maintained local databases. However, answers to many queries must span several databases. Our approach is based on the existence of a central ontology and on declarative transformations, called \it agreements, be ...

**Keywords:** GIS interoperability, ontology, user interfaces for GIS

## 22 [Computer technology in communist China, 1956-1965](#)



Donald G. Audette

 September 1966 **Communications of the ACM**, Volume 9 Issue 9

 Full text available: pdf(1.02 MB) Additional Information: [full citation](#), [abstract](#), [references](#)

Based on information from translations of Communist Chinese news items and periodical literature for the 1956 through 1965 period, computer technology in China is reviewed under the following headings: (1) initial planning, organization and educational aspects of computer technology and automation; 2) machine development progress: two major specific machines in 1958-59, with Soviet aid; a vacuum in 1960-64 due to the withdrawal of Soviet aid; then presumably all-Chinese-made machines from 1 ...

## 23 [Gauging the risks of internet elections](#)



Deborah M. Phillips, Hans A. von Spakovsky

 January 2001 **Communications of the ACM**, Volume 44 Issue 1

 Full text available: pdf(159.11 KB) html(35.52 KB) Additional Information: [full citation](#), [references](#), [index terms](#)

## 24 [The case for internet voting](#)



Joe Mohen, Julia Glidden



January 2001 **Communications of the ACM**, Volume 44 Issue 1


Full text available:  pdf(158.11 KB)  
 html(35.34 KB)

Additional Information: [full citation](#), [references](#), [index terms](#)

25 Qualitative geometric design

Amitabha Mukerjee

May 1991 **Proceedings of the first ACM symposium on Solid modeling foundations and CAD/CAM applications**

Full text available:  pdf(1.37 MB)

Additional Information: [full citation](#), [references](#), [index terms](#)



26 Early user---system interaction for database selection in massive domain-specific online environments

Jack G. Conrad, Joanne R. S. Claussen

January 2003 **ACM Transactions on Information Systems (TOIS)**, Volume 21 Issue 1

Full text available:  pdf(845.54 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The continued growth of very large data environments such as Westlaw and Dialog, in addition to the World Wide Web, increases the importance of effective and efficient database selection and searching. Current research focuses largely on completely autonomous and automatic selection, searching, and results merging in distributed environments. This fully automatic approach has significant deficiencies, including reliance upon thresholds below which databases with relevant documents are not search ...

**Keywords:** Database selection, metadata for retrieval, structuring information to aid search and navigation, user interaction



27 Internet privacy concerns confirm the case for intervention

Roger Clarke

February 1999 **Communications of the ACM**, Volume 42 Issue 2

Full text available:  pdf(185.98 KB)  
 html(39.41 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)



28 Features of an information system for Congress

Kenneth Janda

January 1966 **Proceedings of the 1966 21st national conference**

Full text available:  pdf(1.03 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)


Students of government generally agree that the legislative branches of modern governments have gradually lost power relative to the power of executive authorities. This phenomenon has been referred to variously as the "parliamentary crisis,"<sup>1</sup> the "atrophy of the legislature,"<sup>2</sup> and the "decline of the legislature."<sup>3</sup> Although some students hold that Congress constitutes an exception to this gen ...



29 Cost models for overlapping and multiversion structures

Yufei Tao, Dimitris Papadias, Jun Zhang

September 2002 **ACM Transactions on Database Systems (TODS)**, Volume 27 Issue 3

Full text available:  pdf(4.54 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)



*Overlapping* and *multiversion* techniques are two popular frameworks that transform an ephemeral index into a multiple logical-tree structure in order to support versioning databases. Although both frameworks have produced numerous efficient indexing methods, their performance analysis is rather limited; as a result there is no clear understanding about the behavior of the alternative structures and the choice of the best one, given the data and query characteristics. Furthermore, qu ...

**Keywords:** Database, index, overlapping and multiversion structures, spatiotemporal, temporal

30 Intentional resolution of privacy protection in database systems



Naftaly Minsky

March 1976 **Communications of the ACM**, Volume 19 Issue 3

Full text available: pdf(1.34 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Traditionally, privacy protection in database systems is understood to be the control over what information a given user can get from a database. This paper is concerned with another, independent, dimension of privacy protection, the control over what a user is allowed to do with a piece of information supplied to him by the database. The ability to condition the supply of information on its intended use is called here "intentional resolution" of privacy protection. T ...

**Keywords:** intentional resolution of privacy, interaction with databases, privacy, protection in databases, protection in programming languages, security

31 Columns: Risks to the public in computers and related systems



Peter G. Neumann

September 2002 **ACM SIGSOFT Software Engineering Notes**, Volume 27 Issue 5

Full text available: pdf(1.40 MB) Additional Information: [full citation](#)

32 Hackers: computer heroes or electronic highwaymen?



Richard C. Hollinger

June 1991 **ACM SIGCAS Computers and Society**, Volume 21 Issue 1

Full text available: pdf(1.33 MB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

In his book, *Hackers: Heroes of the Computer Revolution* (Doubleday, 1984), Steven Levy documents the linguistic evolution of the word "hacker." He argues that among computer aficionados the term has been long used to express respect and admiration for another's superior computer programming expertise. In the last ten years (particularly among members of the law enforcement community), however, the concept has taken on an extremely negative connotation and is regularly used to refer to ele ...

33 Tamper-proofing software watermarks



Clark Thomborson, Jasvir Nagra, Ram Somaraju, Charles He

January 2004 **Proceedings of the second workshop on Australasian information security, Data Mining and Web Intelligence, and Software Internationalisation - Volume 32**

Full text available: pdf(249.93 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

We introduce a novel method called *constant encoding*, which can be used to tamper-proof a software watermark that is embedded in the dynamic data structures of a program. Our novel tamper-proofing method is based on transforming numeric or non-numeric constant

values in the text of the watermarked program into function calls whose value depends on the watermark data structure. Under reasonable assumptions about the knowledge and resources of an attacker, we argue that no attacker can be c ...

34 Issues in Canadian/U.S. transborder computer data flow

W. E. Cundiff

April 1979 **ACM SIGCAS Computers and Society**, Volume 9 Issue 3-4

Full text available:  pdf(964.12 KB) Additional Information: [full citation](#)



35 DOS protection: Using graphic turing tests to counter automated DDoS attacks against web servers

William G. Morein, Angelos Stavrou, Debra L. Cook, Angelos D. Keromytis, Vishal Misra, Dan Rubenstein

October 2003 **Proceedings of the 10th ACM conference on Computer and communication security**

Full text available:  pdf(256.83 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We present WebSOS, a novel overlay-based architecture that provides guaranteed access to a web server that is targeted by a denial of service (DoS) attack. Our approach exploits two key characteristics of the web environment: its design around a human-centric interface, and the extensibility inherent in many browsers through downloadable "applets." We guarantee access to a web server for a large number of *previously unknown* users, without requiring pre-existing trust relationships between ...

**Keywords:** Java, graphic turing tests, web proxies



36 Articles: Investigating XQuery for querying across database object types

Nancy Wiegand

June 2002 **ACM SIGMOD Record**, Volume 31 Issue 2

Full text available:  pdf(579.74 KB) Additional Information: [full citation](#), [abstract](#), [references](#)


In addition to facilitating querying over the Web, XML query languages may provide high level constructs for useful facilities in traditional DBMSs that do not currently exist. In particular, current DBMS query languages do not allow querying across database object types to yield heterogeneous results. This paper motivates the usefulness of heterogeneous querying in traditional DBMSs and investigates XQuery, an emerging standard for XML query languages, to express such queries. The usefulness of ...



37 Should we meet John Doe? civil litigation and anonymity in cyberspace: Unmasking "John Doe" defendants: the case for caution in creating new legal standards

Michael S. Vogel

April 2002 **Proceedings of the 12th annual conference on Computers, freedom and privacy**

Full text available:  pdf(42.49 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

The rise of the Internet has created the opportunity for individuals inexpensively to publish their views on various issues to a wide audience. While this new avenue for expression is usually used for legitimate ends, it is also frequently used by individuals to disseminate defamatory or otherwise actionable statements under cover of anonymity. As a result, there has been in recent years a great deal of litigation brought by victims of such anonymous statements against the individuals responsibl ...



38 The promise of privacy enhancing technologies: The role of privacy advocates and

data protection authorities in the design and deployment of the platform for privacy preferences

Lorrie Faith Cranor

April 2002 **Proceedings of the 12th annual conference on Computers, freedom and privacy**

Full text available:  pdf(42.22 KB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

The Platform for Privacy Preferences (P3P) project [1] provides a standard way for web sites to communicate about their data practices. Developed by the World Wide Web Consortium (W3C) [2], P3P includes a machine-readable privacy policy syntax as well as a simple protocol that web browsers and other user agent tools can use to fetch P3P privacy policies automatically. P3P-enabled browsers can allow users to do selective cookie blocking based on site privacy policies, as well as to get a quick "s ...



39 ACM Forum: letters

Robert L. Ashenhurst

September 1984 **Communications of the ACM**, Volume 27 Issue 9


Full text available:  pdf(420.68 KB) Additional Information: [full citation](#), [references](#), [index terms](#)



40 The media and privacy: friend, foe or folly?

Ann Cavoukian

April 2000 **Proceedings of the tenth conference on Computers, freedom and privacy: challenging the assumptions**

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